

Original



FACULTY OF MEDICINE,
UNIVERSITY OF RUHUNA
FINAL EXAMINATION FOR MEDICAL DEGREES
9TH NOVEMBER 2012
PSYCHIATRY PAPER 1

(1.00 – 3.30 p.m.) 2 ½ hours

Answer all 5 questions.

Answer each question in a separate answer book.

(1)

- 1.1 List five (5) movement abnormalities seen in patients with schizophrenia (10 marks)
- 1.2 Briefly describe each of the abnormalities listed above. (40 marks)
- 1.3 Name four (4) extrapyramidal side effects of conventional antipsychotics. (10 marks)
- 1.4 Describe how you would manage **one of the side effects** mentioned in 1.3. (40 marks)

(2)

A 43 year-old female, who was previously healthy, noticed her heart pounding during shopping in a supermarket. She could not understand why this was happening and became quite frightened. Then she started sweating and thought she was having a heart attack. She begged the shop assistant to take her to the hospital immediately.

If you were the medical officer at Emergency Treatment Unit,

- 2.1 list three (3) possible diagnoses you consider. (30 marks)
- 2.2 list two (2) investigations you would order to differentiate the conditions mentioned in 2.1 (20 marks)
- 2.3 describe the steps in immediate management if the investigations revealed no abnormality. (30 marks)
- 2.4 name
 - 2.4.1 one medication and (10 marks)
 - 2.4.2 one psychological intervention you would use in the long- term management. (10 marks)

(3)

A 30 year- old science teacher presented with the fourth episode of a psychiatric illness within last five years. He told that he has made an invention to solve the global energy crisis and is being invited by United Nations to present it. He has withdrawn a large sum of money to buy an air ticket. He became violent when his wife tried to prevent him from doing so. At present he is on imipramine 75 mg at night.

- 3.1 What is the likely diagnosis of current clinical presentation? (10 marks)
- 3.2 Support your diagnosis giving two (2) reasons. (20 marks)
- 3.3 Describe the immediate management of this patient. (40 marks)
- 3.4 Outline the long- term management. (30 marks)

(4)

An 8 year old boy was brought to child psychiatry clinic by his mother. His teacher has advised the mother to show him to a doctor. Child has been walking out of the classroom during lessons, disturbing other children and has not been completing his academic tasks. These symptoms were noticed by the teacher over previous two years. At home, mother noticed him to be very restless and reckless in activities. He was quarrelsome and impulsive during play.

- 4.1 Name two (2) psychopathological features seen in the above scenario. (20 marks)
- 4.2 What is the likely diagnosis? (10 marks)
- 4.3 Name six (6) co-morbid conditions associated with the diagnosis mentioned in 4.2 (30 marks)
- 4.4 Describe the management of this child. (40 marks)

(5)

An 18 year- old school girl was admitted to the medical casualty ward following ingestion of 24 tablets of paracetamol. Her mother revealed that the girl is studying for her A/L and is the head prefect of the school. Since recently the girl spends too much time talking over her mobile phone and the mother suspected her of having an affair with a boy. On the day of the incident, the mother has scolded the girl for not attending her studies and had taken the mobile phone from her.

Two days later she was very quiet and looked ashamed. She was medically stable. As the medical officer in the ward you have decided to interview her prior to discharge.

- 5.1 Mention two (2) measures you would take to help her to openly discuss her circumstances with you. (10 marks)
- 5.2 List five (5) questions you would ask to determine her intention. (25 marks)
- 5.3 Describe one (1) intervention you would carry out to help her. (30 marks)
- 5.4 State two (2) questions you would ask to assess her risk for future self harm. (10 marks)
- 5.5 5.5.1 Do you refer her to a psychiatrist? (5 marks)
- 5.5.2 Give two (2) reasons for your decision. (20 marks)